

WHAT IS CLAIMED AS NEW AND IS INTENDED TO BE SECURED BY LETTERS
PATENT IS:

1. A pipe whose at least interior wall structural component is comprised of:

- 5 sub AI
- I. from 40 to 80 parts by weight of a polyamide, and
 - II. from 60 to 20 parts by weight of a flexible polymer whose main chains consist of carbon atoms, where the amounts of I and II in parts by weight total 100, the pipe being useful for the piping of aqueous, aqueous-alcoholic or purely alcoholic liquids.

10 A sub BI 2. The pipe as claimed in Claim 1, wherein the polymer components of the composition of at least the wall component of the pipe are present in amounts of:

- I. from 40 to 70 parts by weight of said polyamide, and
- II. from 60 to 30 parts by weight of said flexible polymer.

15 3. The pipe as claimed in Claim 1, wherein the interior wall structural component comprises not more than 2% by weight of extractables, measured by extracting the granules with hot 100 percent ethanol under reflux conditions.

4. The pipe as claimed in Claim 1, wherein the extractables content is not more than 1.6% by weight.

20 5. The pipe as claimed in Claim 1, wherein the flexible polymer contains functional groups which facilitate bonding to the polyamide.

6. The pipe as claimed in Claim 5, wherein the functional groups which facilitate bonding to the polyamide are carboxylic acid groups, anhydride groups, imide groups, epoxy groups, oxazoline groups or trialkoxysilane groups.

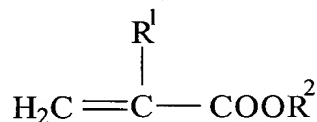
25 7. The pipe as claimed in Claim 5, wherein the polyamide is PA 46, PA 6, PA 66, PA 610, PA 1010, PA 612, PA 1012, PA 11, PA 12 or PA 1212, or the amorphous copolyamides PA

6,3-T, blends of polyamides, or also the corresponding copolyamides.

8. The pipe as claimed in Claim 1, wherein the molding composition comprises not more than 2% by weight of fractions extractable by ethanol.

9. The pipe as claimed in Claim 1, wherein the flexible polymer is selected from the group consisting of:

- a) an ethylene-C₃-C₁₂-α-olefin copolymer having from 20 to 96% by weight of ethylene polymerized with a C₃-C₁₂-α-olefin selected from the group consisting of propene, 1-butene, 1-pentene, 1-hexene, 1-octene, 1-decene or 1-dodecene as the comonomer;
- b) an ethylene-C₃-C₁₂-α-olefin-nonconjugated-diene terpolymer containing from 20 to 85% by weight of ethylene and polymerized with a C₃-C₁₂-α-olefin selected from the group consisting of propene, 1-butene, 1-pentene, 1-hexene, 1-octene, 1-decene or 1-dodecene and up to not more than about 10% by weight of a nonconjugated diene selected from the group consisting of bicyclo[2,2,1]heptadiene, 1,4-hexadiene, dicyclopentadiene and 5-ethylidenenorbornene; and
- c) an ethylene-acrylate copolymer containing from 50 to 94% by weight of ethylene and from 6 to 50% by weight of an acrylate of the formula:



wherein R¹ =H or C₁-C₁₂-alkyl and R² = C₁-C₁₂-alkyl or an alkyl group which carries an epoxy group, and from 0 to 44% by weight of another comonomer selected from the group consisting

of a C₃-C₁₂- α -olefin, styrene, an unsaturated mono- or dicarboxylic acid, an unsaturated dicarboxylic anhydride, an unsaturated oxazoline and an unsaturated silane selected from the group consisting of vinyltrimethoxysilane, vinyltris(2-methoxyethoxy)silane, 3-methacryloxypropyltrimethoxysilane and 3-methacryloxypropyl-triethoxysilane.

5 10. The pipe as claimed in Claim 1, wherein the pipe has a single-layer structure.

11. The pipe as claimed in Claim 1, wherein the pipe has an at least two- layer structure in which the innermost layer is composed of said molding composition.

12. The pipe as claimed in Claim 1, wherein the pipe is corrugated in some areas or throughout.

10 13. The pipe as claimed in Claim 1, wherein the pipe is utilized in screen wash systems or in head lamp wash systems.

Sub AB 14. A molding composition which comprises the following constituents:

- 15 I. from 40 to 80 parts by weight of a polyamide, and
- II. from 60 to 20 parts by weight of a flexible polymer whose main chains consist of carbon atoms, wherein the amounts of I and II in parts by weight total 100, and wherein the composition comprises not more than 2% by weight of extractables, measured by extracting the granules with hot 100 percent ethanol under reflux conditions.

Sub AB 15. The molding composition as claimed in Claim 12, wherein the composition comprises:

- 20 I. from 40 to 70 parts by weight of said polyamide, and
- II. from 60 to 30 parts by weight of said flexible polymer.

✓ 16. The molding composition as claimed in Claim 14, wherein the extractables content is not more than 1.6% by weight. ✓

